

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PC447PR</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/EP 03/08226</b> ✓	International filing date (day/month/year) <b>25/07/2003</b> ✓	(Earliest) Priority Date (day/month/year) <b>26/07/2002</b> ✓
Applicant <b>MEDESTEA RESEARCH &amp; PRODUCTION S.R.L.</b> ✓		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

### 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant. ✓

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant. ✓

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures. ✓

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/E 3/08226

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K9/08 A61K31/19 A61K31/198 A61K31/401 A61K31/405  
 A61K31/4172 A61M1/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 86 00227 A (VEECH RICHARD L) 16 January 1986 (1986-01-16) page 64, line 1 -page 67, line 3 table VIII claim 28	1-14
X	US 5 536 751 A (BUNGER ROLF) 16 July 1996 (1996-07-16) examples 5,6	1-14
X	WO 96 01118 A (BAXTER INT) 18 January 1996 (1996-01-18) page 4, line 25 - line 32 page 5, line 14 - line 26 page 7, line 30 -page 8, line 10 -/--	1-14

☒ Further documents are listed in the continuation of box C:☒ Patent family members are listed in annex:

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

23 October 2003

Date of mailing of the international search report

29/10/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 431 465 A (NEPHRO MEDICA PHARMA) 12 June 1991 (1991-06-12) page 4, line 41 -page 6, line 21 page 7, line 29 - line 32 examples ---	1-14
X	DE 39 43 424 A (NEPHRO MEDICA PHARMA) 4 July 1991 (1991-07-04) page 3, line 2 -page 4, line 23 page 5, line 14 - line 53 examples ---	1-13
Y		14
X	ULM A ET AL: "INFLUENCE OF ESSENTIAL AMINO ACIDS AND KETO ACIDS ON PROTEIN METABOLISM AND ANEMIA OF PATIENTS ON INTERMITTENT HEMODIALYSIS" AMERICAN JOURNAL OF CLINICAL NUTRITION, BETHESDA, MD, US, vol. 31, no. 10, October 1978 (1978-10), pages 1827-1830, XP008010155 ISSN: 0002-9165 cited in the application the whole document ---	1-13
Y		14
X	EP 0 405 295 A (ABBOTT LAB) 2 January 1991 (1991-01-02) page 4, line 3 -page 5, line 27 examples ---	1-13
Y		14
X	US 4 752 619 A (BORDAT CLAUDE ET AL) 21 June 1988 (1988-06-21) column 2, line 42 -column 3, line 17 column 6, line 3 - line 11 examples ---	1-13
Y		14
X	US 4 100 160 A (WALSER MACKENZIE) 11 July 1978 (1978-07-11) column 4, line 52 -column 6, line 33 table III ---	1-13
Y		14
A	WO 94 14430 A (BAXTER INT) 7 July 1994 (1994-07-07) page 4, line 22 -page 5, line 29 -----	1-14

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/E 3/08226

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8600227	A	16-01-1986	AT 82500 T AU 4634685 A AU 4771690 A AU 7746694 A CA 1264442 A1 DE 3586844 D1 DE 3586844 T2 EP 0185759 A1 JP 61502943 T WO 8600227 A1 US 4663289 A US 4663166 A	15-12-1992 24-01-1986 13-09-1990 05-01-1995 16-01-1990 24-12-1992 17-03-1994 02-07-1986 18-12-1986 16-01-1986 05-05-1987 05-05-1987
US 5536751	A	16-07-1996	US 5714515 A	03-02-1998
WO 9601118	A	18-01-1996	AT 222766 T AU 701724 B2 AU 2655195 A BR 9506021 A CA 2169451 A1 CN 1131393 A DE 69527923 D1 DE 69527923 T2 EP 0716607 A1 JP 2001523212 T TR 960008 A2 WO 9601118 A1 US 2002037329 A1	15-09-2002 04-02-1999 25-01-1996 14-10-1997 18-01-1996 18-09-1996 02-10-2002 24-04-2003 19-06-1996 20-11-2001 21-06-1996 18-01-1996 28-03-2002
EP 0431465	A	12-06-1991	DE 3940052 A1 AT 104149 T DE 59005355 D1 DK 431465 T3 WO 9108009 A1 EP 0431465 A1 ES 2054200 T3	06-06-1991 15-04-1994 19-05-1994 08-08-1994 13-06-1991 12-06-1991 01-08-1994
DE 3943424	A	04-07-1991	DE 3943424 A1	04-07-1991
EP 0405295	A	02-01-1991	US 4957938 A AT 91392 T AU 627041 B2 AU 5767390 A CA 2019472 A1 DE 69002201 D1 DE 69002201 T2 EP 0405295 A2 ES 2058687 T3 JP 3031211 A	18-09-1990 15-07-1993 13-08-1992 03-01-1991 21-12-1990 19-08-1993 05-01-1994 02-01-1991 01-11-1994 12-02-1991
US 4752619	A	21-06-1988	AT 67088 T AU 592395 B2 AU 6691786 A CA 1286990 C DE 3681420 D1 DK 622486 A EP 0227545 A2 ES 2025560 T3	15-09-1991 11-01-1990 25-06-1987 30-07-1991 17-10-1991 24-06-1987 01-07-1987 01-04-1992

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/E 3/08226

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4752619	A		FI 865268 A , B, GR 3003272 T3 JP 62270522 A KR 9402661 B1 NO 865217 A PT 83995 A , B	24-06-1987 17-02-1993 24-11-1987 28-03-1994 24-06-1987 01-01-1987
US 4100160	A	11-07-1978	BE 827890 A1 CA 1057198 A1 DE 2516027 A1 FR 2274290 A2 GB 1511302 A NL 7504408 A	31-07-1975 26-06-1979 16-10-1975 09-01-1976 17-05-1978 17-10-1975
WO 9414430	A	07-07-1994	AT 226433 T AU 678201 B2 AU 5748894 A CA 2129998 A1 DE 69332433 D1 DE 69332433 T2 DK 626845 T3 EP 0626845 A1 ES 2185646 T3 JP 7504210 T MX 9308002 A1 NZ 259242 A SG 48704 A1 WO 9414430 A1 US 5670176 A US 5698230 A US 5776503 A	15-11-2002 22-05-1997 19-07-1994 07-07-1994 28-11-2002 14-08-2003 17-02-2003 07-12-1994 01-05-2003 11-05-1995 31-08-1994 24-03-1997 18-05-1998 07-07-1994 23-09-1997 16-12-1997 07-07-1998